

# MUHAMMAD HUZAIFA

Software Engineer | Full Stack Developer

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📍 Lahore, Pakistan

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## SUMMARY

I am skilled Full Stack Developer with **3+ years** of experience specializing in **Java Spring Boot** and **ReactJS**. As a Senior Software Engineer at Zedfour Technologies, I design high-performance backend solutions, integrate robust APIs, and deliver maintainable, efficient systems. Dedicated to continuous learning and innovation.

## EXPERIENCE

### Senior Software Engineer

#### ZEDFOUR TECHNOLOGIES

📅 01/2024 - Present 📍 Lahore, Pakistan

- Worked extensively on **Java Spring Boot** based talent profile management application from scratch to a mature expandable structure.
- Developed important module like Login with **JWT-based** authentication, Accounts & Profiles module to manage user profiles with dynamic role-based access, routes and functional security modules.
- Designed and developed the Receipt Automation System using **Kotlin Spring Boot**, with **MongoDB**, enabling businesses to generate and deliver digital receipts via Email and SMS.
- Built robust **RESTful** APIs for receipt management and integrated them with external services.
- Optimized system scalability to handle high transaction volumes, incorporating a modular architecture for future enhancements.
- Implemented two management dashboard portals using **NextJS** and **Shadcn UI** with dynamic components.
- Implemented **OpenAPI** specification for both backend and frontend, generating client SDKs.
- Optimized performance by integrating Spring Cache reducing database queries.
- Worked on **Spring Boot** based finance application and implemented API integration for functionalities like contractor and client management, financial requests, bidding and loans with **Angular 17**.
- Successfully migrated a legacy Angular application from version **13** to the latest version **17**, ensuring performance optimization, and modern feature integration.
- Worked on implementing authorization protocols using **JWT** Authentication in **Spring Boot** and template processing to generate dynamics PDFs in **ReactJS**.
- Managed AWS infrastructure by configuring and maintaining **EC2** instances and an **RDS PostgreSQL** database, ensuring reliable and scalable cloud deployment.
- Implemented and managed continuous integration using **CI/CD** pipelines to streamline rigorous software processes.
- Worked on **ReactJS** based admin dashboard panel, creating the UI flow of the application, integrating frontend and providing functional support for the application stability.
- Developed Rest APIs from scratch contributing to the larger scale applications using **Spring Boot** and **MongoDB**.
- Utilized **RxJs** for scalable and efficient state management systems to implement robust streaming service functionality in **ReactJS**.
- Encompassed the development of **Angular17** based dynamic forms, intuitive data display components, and an efficient search feature.
- Prepared comprehensive documentation to facilitate a smoother onboarding process.
- Successfully deployed an optimized multi-container architecture using Docker Compose and multi-stage Dockerfiles, orchestrating scalable **AWS ECS** deployments with **AWS ECR** integration.

### Full Stack Developer

#### FREELANCE PROJECTS

📅 03/2022 - 01/2024 📍 Remote

##### HEALTHCARE WEB APP

- Developed a comprehensive healthcare web-app integrating appointment-scheduling, doctor-patient communication, and AI-driven chatbots for symptom analysis and disease predictions.
- Implemented a full-stack solution using **ReactJS**, **Node.js**, **Express**, and **MongoDB**, with advanced features like kidney stone and brain tumor detection using deep learning models.
- Built secure and scalable APIs for real-time chat, feedback management, and authentication while ensuring reliable user role management for doctors and patients.

##### FREELANCE PLATFORM

- Created and managed a freelance platform, a **MERN** application.
- Developed a complete end-to-end flow for seller gig management using **ReactJS** with **ExpressJS** as backend.
- Developed the frontend for connecting Buyer with Sellers.

## SKILLS

JAVA	ReactJS	Tailwind CSS	Docker
Spring Boot	NextJS	Shadcn UI	DevOps
JDBC	Angular	Bootstrap	CI/CD
JPA	ExpressJS	AWS	PostgreSQL
Spring Security	TypeScript	AWS EC2	MongoDB
Kotlin	JavaScript	AWS RDS	MySQL
NodeJS	HTML/CSS	AWS ECS	Python

## PROJECTS

### OUTSTONNE Social Media Application

- Created a social media web app for sharing pin/art-works
- Developed the frontend with **ReactJS**
- Used Sanity services for data storage
- Integrated Google Authentication for user login

<https://outstonne.netlify.app/login>

### Baily Dugle NEWS App

- Created a NEWS application using **MEAN** Stack and NEWS API
- Latest NEWS according to categories
- Show NEWS for several different countries according to user's choice

[https://github.com/hm-huzaiifa/Baily\\_Dugle-News\\_app](https://github.com/hm-huzaiifa/Baily_Dugle-News_app)

### Daily-Notes MERN App

- A Complete **MERN** Stack web application
- User Authentication
- Personalized Notes linked to its logged in user only
- MongoDB** for database

<https://github.com/hm-huzaiifa/iNotebook>

### Ecommerce App - Angular

- Created a grocery web application using **Angular**
- Product sections for customers
- Dashboard for admin users

<https://github.com/hm-huzaiifa/iNotebook>

### Netflix Clone - Angular

- Created a Netflix clone using **Angular17**
- Integrated Google Authentication for user login
- Working with different components and libraries (Swiper)

<https://github.com/hm-huzaiifa/netflix-angular-17>

## EDUCATION

### Bachelor of Science in Computer Science

Comsats University Islamabad, Lahore Campus

📅 02/2020 - 01/2024 📍 Lahore, Pakistan